

## FRANCIS RUNNER AND HYDRAULIC MACHINE COMPRISING ONE SUCH RUNNER

### Abstract

The invention relates to a Francis runner comprising a crown, a band and blades (2) which extend between the crown and the band. The value of the angle ( $\beta_{24}$ ) between the linear speed ( $U$ ,  $D_{224}$ ) of a blade (2) and the median ( $25$ ,  $\Delta_{214}$ ) of said blade (2) at the trailing edge (22) has, in the vicinity of the point (224) at which the blade (2) is attached to the band, has a value included between 20 and 25°. In this way, the machine has a satisfactory efficiency while the equivalent power under high load can be high.